

TITLE OF THE INVENTION
PROCESS FOR IDENTIFYING *PARA* CATION CHANNEL
MODULATORS.



ABSTRACT OF THE INVENTION

DNAs encoding voltage-activated cation channels have been cloned and characterized. The cDNA's have been expressed in recombinant host cells which produce active recombinant protein. The recombinant protein is also purified from the recombinant host cells. In addition, the recombinant host cells are utilized to establish a method for identifying modulators of the channel activity, and channel modulators are identified. Channel modulators are useful as insecticides and arachnicidic agents.

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